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Professor Eustis gave a new demonstration of the property of the ellipse, that the subtangent is independent of the conjugate axis. He showed that this led to a more simple construction than any other given.

Three hundred and sixty-sixth meeting.

July 26, 1852. — ADJOURNED MONTHLY MEETING.

The PRESIDENT in the chair.

The Corresponding Secretary presented a paper from Dr. Leidy of Philadelphia, upon the Osteology of the *Hippopotamidae*.

Professor Peirce continued his remarks upon the forms assumed by an elastic sac containing fluid, and stated that he had succeeded in reproducing them artificially by the use of gum, the force of gravity being eliminated, as in Plateau's experiments, by immersing the gum in a mixture of alcohol and water of the same specific gravity.

Three hundred and sixty-seventh meeting.

August 10, 1852. — QUARTERLY MEETING.

The PRESIDENT in the chair.

Dr. Pierson offered a tribute to the memory of the late Thomas Cole, Esq., a Fellow of the Academy; after a sketch of Mr. Cole's life and labors, he offered the following resolutions, which were unanimously adopted: —

“*Resolved*, That the Academy deplores, in the death of its late Fellow, Thomas Cole, Esq., of Salem, the loss of a valuable and active associate, whose simplicity of mind, sincerity of heart, and intellectual acquirements, the result of years of persevering industry, peculiarly fitted him for scientific pursuits, and acquired for him a cordial regard from all who knew him.

“*Resolved*, That the Academy sincerely condole with his bereaved family in the affliction occasioned by his sudden decease.

“*Resolved*, That a copy of these resolutions be transmitted to the family of the deceased.”